

IN THE CLAIMS:

Please cancel claims 10-32 and 42-59.

Please amend claims 1 and 33 in the following manner:

- 1 1. (Currently amended) A method for identifying a therapeutic agent for
2 use in treating a constitutive androstane receptor (CAR)-mediated disorder or condition,
3 the method comprising:
4 identifying a candidate therapeutic agent by screening one or more
5 compounds to determine whether said compounds can modulate a CAR-mediated
6 intermolecular interaction;
7 administering the candidate therapeutic agent to a test mammal; and
8 determining whether the level of a cholesterol indicator is modulated in
9 said test mammal.
- 1 2. (Original) The method of claim 1, wherein said candidate therapeutic
2 agent is 5 β -pregnan-3,20-dione.
- 1 3. (Original) The method of claim 1, wherein said CAR-mediated
2 disorder or condition is selected from the group consisting of: hypercholesterolemia,
3 lipid disorders, atherosclerosis, and cardiovascular disorders.
- 1 4. (Original) The method of claim 1, wherein the mammal is a
2 cholesterol-elevated mammal.
- 1 5. (Original) The method of claim 4, wherein the test mammal has a
2 disruption in both CAR alleles.
- 1 6. (Original) The method of claim 1, wherein said cholesterol indicator is
2 the level of serum cholesterol.

1 7. (Original) The method of claim 1, wherein said cholesterol indicator is
2 the level of a member selected from the group consisting of HDL cholesterol, LDL
3 cholesterol, and VLDL cholesterol.

1 8. (Original) The method of claim 1, wherein said cholesterol indicator is
2 the mRNA level of a gene involved in the regulation of cholesterol levels.

1 9. (Original) The method of claim 1, wherein said CAR-mediated
2 intermolecular interaction is CAR-mediated gene expression.

10-32. Cancelled.

1 33. (Currently amended) A method for identifying a therapeutic agent for
2 use in treating a constitutive androstane receptor (CAR)-mediated disorder or condition
3 the method comprising:

4 administering a compound to a CAR compromised mammal; and
5 determining whether administration of the compound results in a change
6 in cholesterol level compared to a mammal to which the compound is not administered.

1 34. (Original) The method of claim 33, wherein the method further
2 comprises administering the compound to a CAR non-compromised mammal and
3 comparing the effect on the cholesterol level indicator of administering the compound to
4 that of administering the compound to the CAR compromised mammal.

1 35. (Original) The method of claim 33, wherein said cholesterol level
2 indicator is the level of serum cholesterol.

1 36. (Original) The method of claim 33, wherein said cholesterol level
2 indicator is the level of a member selected from the group consisting of HDL cholesterol,
3 LDL cholesterol, and VLDL cholesterol.

1 37. (Original) The method of claim 33, wherein said cholesterol level
2 indicator is the mRNA level of a gene involved in the regulation of cholesterol levels.

1 38. (Original) The method of claim 33, wherein said CAR compromised
2 mammal is a mammal having a disruption in both CAR alleles.

1 39. (Original) The method of claim 38, wherein said CAR compromised
2 mammal is a mouse.

1 40. (Original) The method of claim 38, wherein said disruption occurs in
2 the coding region for the DNA binding domain of CAR.

1 41. (Original) The method of claim 38, wherein said disruption in a CAR
2 allele comprises an insertion at codons for amino acid positions from about amino acid 21
3 to about amino acid 86 of CAR β .

42-59. Cancelled.